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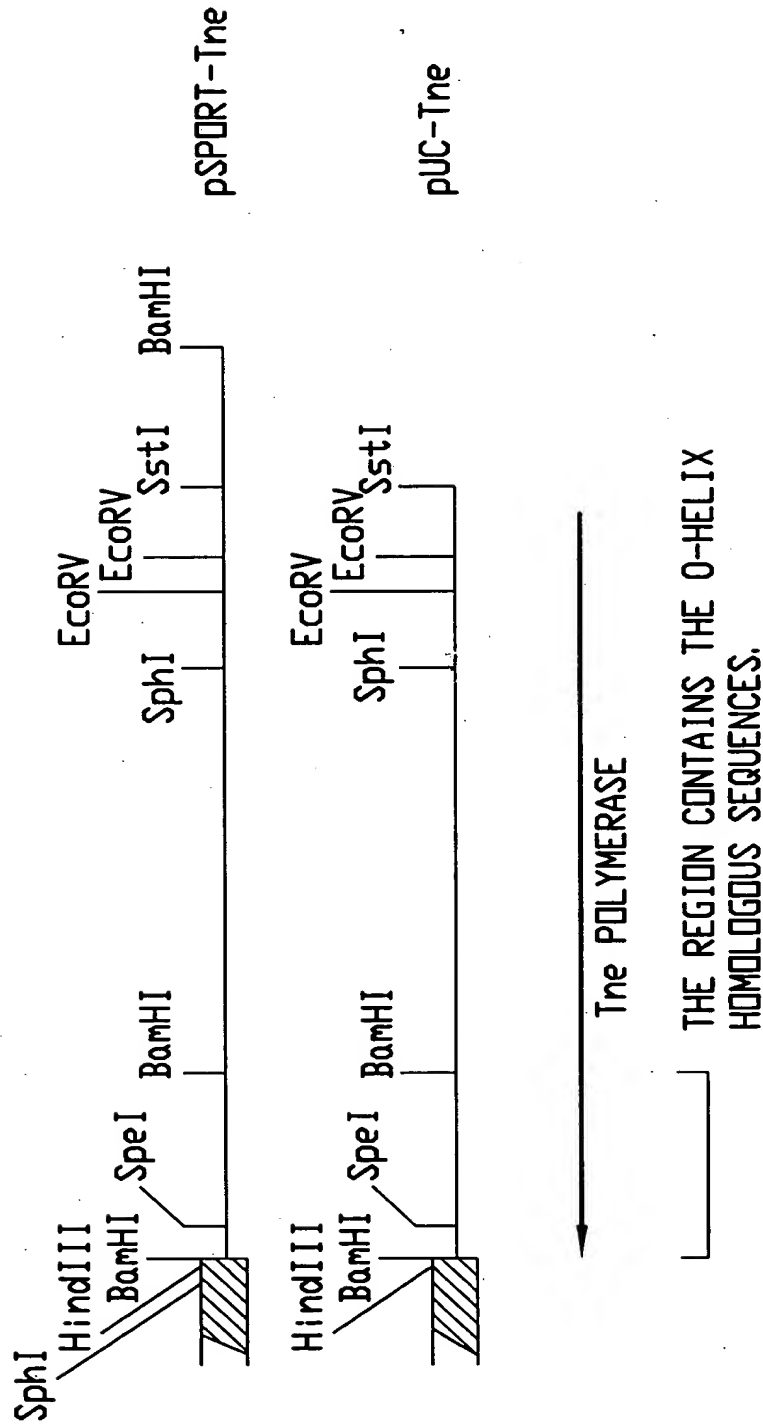


FIG.1

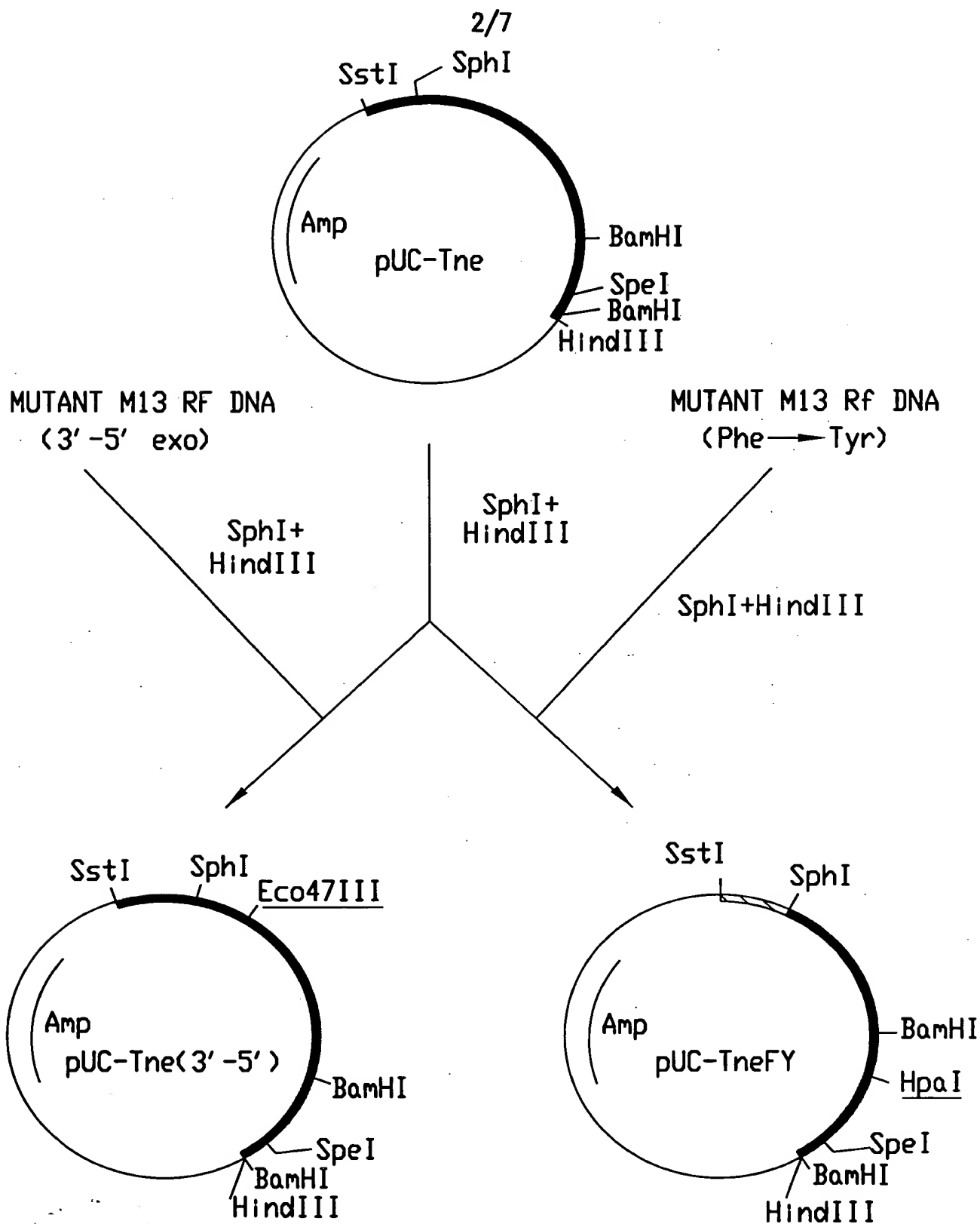


FIG.2A

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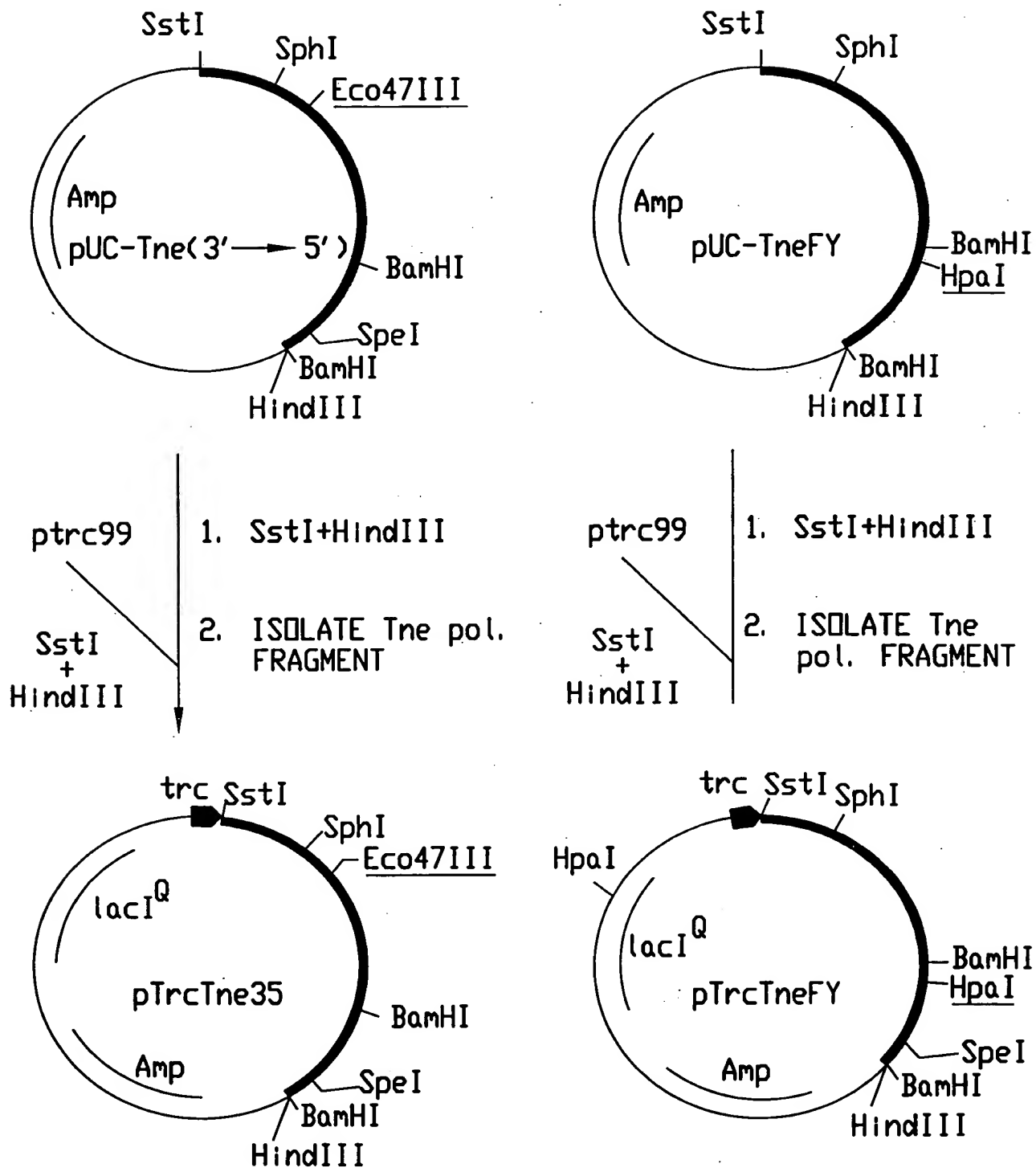


FIG.2B

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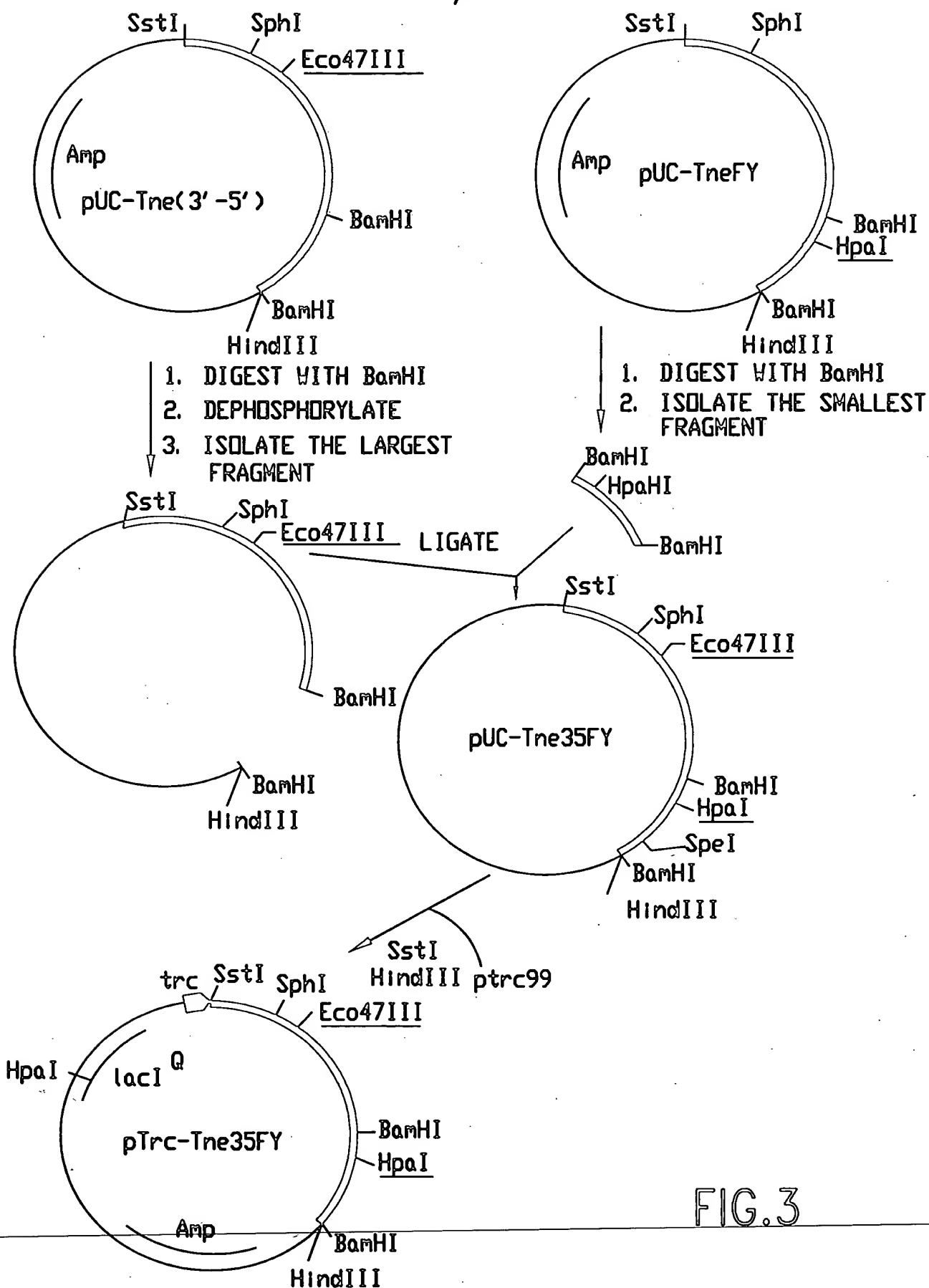


FIG.3

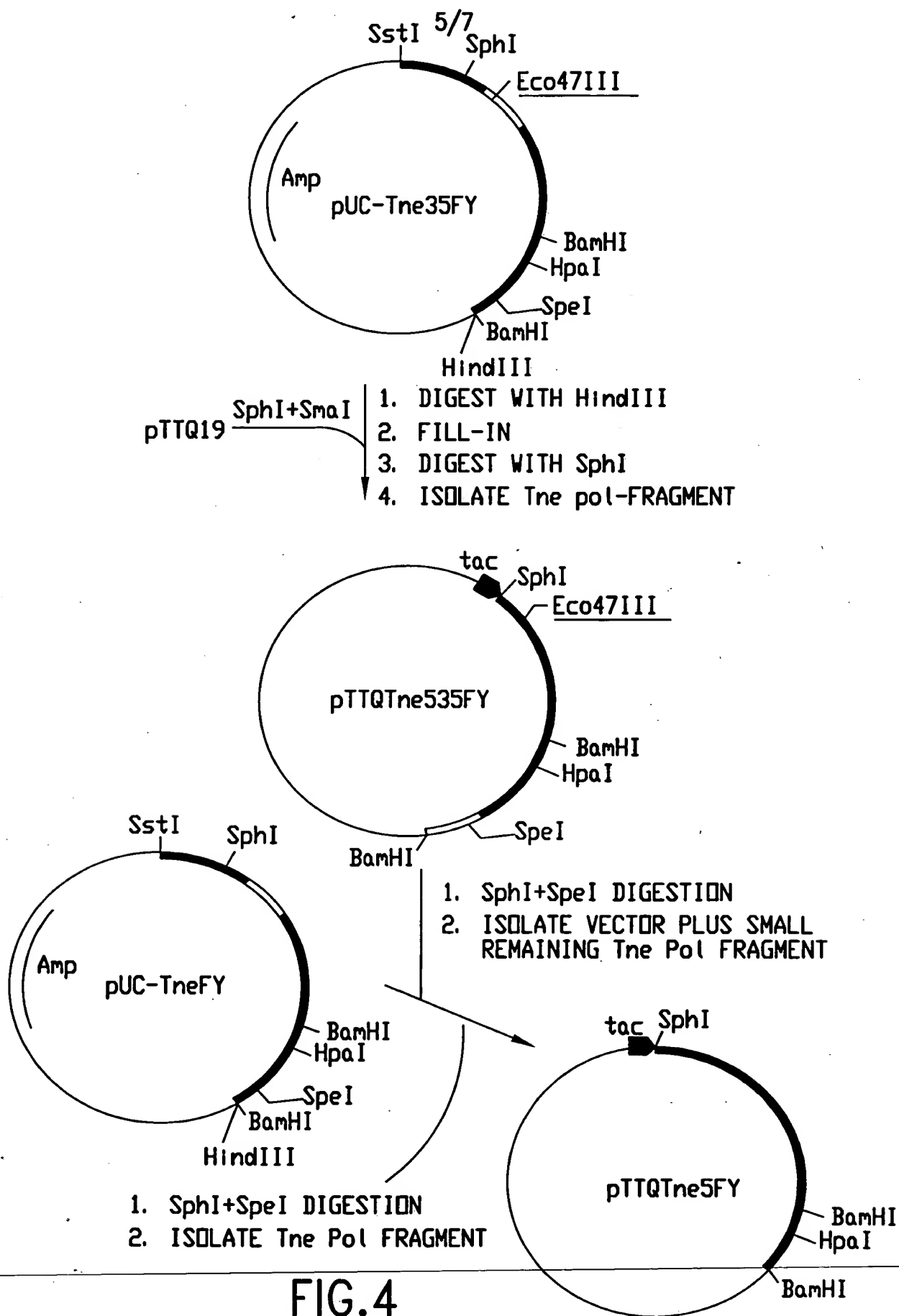
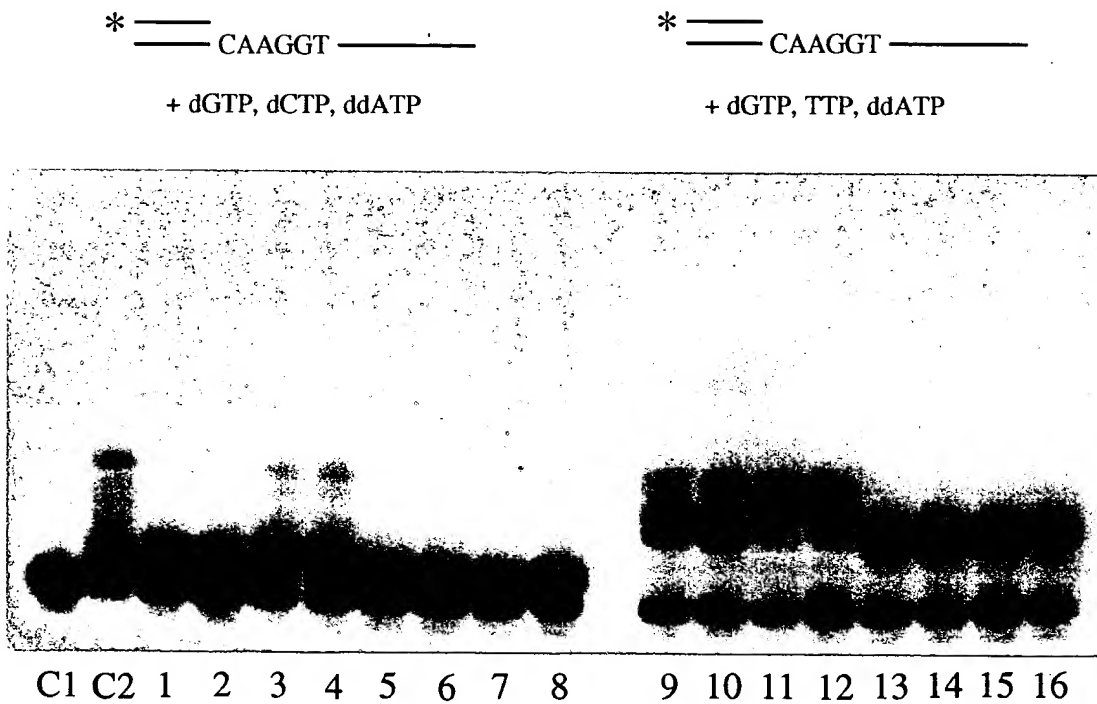


FIG.4

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Figure 5



C1            Primer alone  
 C2            Reaction with dGTP, dCTP, TTP, ddATP and Tne DNA Polymerase (D137A, D323A, F730Y)  
 1,2:9,10    Taq DNA Polymerase  
 3,4:11,12   Tne DNA Polymerase (D137A, D323A)  
 5,6:13,14   Tne DNA Polymerase (D137A, D323A, R722Y)  
 7,8:15,16   Tne DNA Polymerase (D137A, D323A, R722L)

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Figure 6

